

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. $33^{\circ} 54' 22''$ N.

LONG. E. FROM GREENWICH $35^{\circ} 28' 10''$

AUGUST, 1929

J. A. BROWN, DIRECTOR

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AUGUST 1929

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm +..				Thermometer Cent.							
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean		
1	56.4	56.4	56.8	56.5	31.7	22.4	28.6	31.0	25.6	28.4		
2	7.2	6.6	6.6	6.8	31.8	23.4	28.1	30.3	25.7	28.0		
3	6.2	5.9	6.2	6.1	30.6	23.4	28.3	31.9	26.4	28.9		
4	5.3	4.8	5.5	5.2	32.1	23.3	29.3	31.7	26.8	29.3		
5	5.6	5.2	5.4	5.4	31.9	22.3	29.3	29.3	26.7	28.4		
6	54.6	54.4	54.2	54.4	32.4	23.6	26.2	30.9	26.6	27.9		
7	3.6	3.6	4.1	3.8	31.8	23.7	28.1	31.2	26.2	28.5		
8	4.6	4.4	5.0	4.7	32.1	23.2	28.4	30.3	26.5	28.4		
9	5.7	5.7	5.8	5.7	32.0	23.3	28.6	30.9	26.3	28.6		
10	5.3	4.8	5.0	5.0	31.3	23.9	28.8	30.9	26.6	28.8		
11	55.0	54.9	55.3	55.1	32.0	23.7	29.1	31.2	26.9	29.1		
12	5.8	5.6	6.2	5.9	31.7	24.1	29.2	30.5	26.9	28.9		
13	7.0	6.5	6.7	6.7	31.3	25.2	28.8	31.3	27.4	29.2		
14	6.5	5.2	5.3	5.7	32.3	24.8	29.1	31.6	27.3	29.3		
15	3.9	3.4	3.3	3.5	32.2	25.0	28.9	30.9	27.1	29.0		
16	53.7	52.9	52.6	53.1	32.1	25.1	28.8	31.8	28.6	29.7		
17	3.8	3.3	4.0	3.6	32.8	26.7	30.5	33.4	28.4	30.8		
18	4.5	4.6	4.8	4.6	33.9	26.8	30.7	32.4	27.6	30.2		
19	5.2	4.9	5.7	5.3	33.1	26.1	29.8	32.9	27.4	30.0		
20	5.9	5.4	6.0	5.8	33.2	23.9	29.1	32.0	26.6	29.2		
21	55.0	54.5	54.6	54.7	32.3	24.2	26.3	31.6	26.6	28.2		
22	4.6	4.3	4.4	4.4	32.1	24.8	29.4	30.4	26.6	28.8		
23	4.6	4.1	5.2	4.6	32.1	24.7	29.7	32.3	27.3	29.8		
24	6.1	6.5	7.5	6.7	32.9	24.8	28.6	31.4	26.7	28.9		
25	7.6	7.8	7.7	7.7	31.8	25.0	29.6	31.6	26.7	29.3		
26	57.6	57.8	57.7	57.7	32.2	25.0	29.1	31.2	26.7	29.0		
27	7.4	7.1	7.4	7.3	31.7	23.9	29.3	31.3	26.3	29.0		
28	6.7	6.6	7.0	6.8	31.9	23.6	29.0	31.4	25.8	28.7		
29	7.0	5.9	5.0	6.0	31.8	23.9	28.2	30.6	28.0	28.9		
30	5.4	5.3	5.7	5.5	31.3	26.9	31.4	31.6	28.2	30.4		
31	56.5	56.2	56.5	56.4	33.3	26.6	29.6	30.3	28.1	29.3		
	55.62	55.31	55.58	55.51	32.12	24.43	28.96	31.29	26.92	29.06		

Barometer, Range for month 752.6-757.8 m.m.

„ 50-yr. average for month 756.17 m.m.

Thermometer, Range for month 22.3-33.9

„ 50-yr. average for month 28.39

Rain, total for month 0.0 m.m.

„ , 50-yr average for month 0.51m.m.

„ , total. Sept. 1st to end of month 1080.25m.m.

„ , 50-yr average, Sept. 1st to end of month. 907.56m.m.

AUGUST 1929

METEOROLOGICAL REGISTER

Date	Wet Bulb Cent			Elasticity of Vapor m.m.				Relative Moisture per cent.				Sun	Rain
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	hrs.	m.m.
1	24.1	25.3	23.0	18.5	19.3	18.7	18.8	63	58	77	66	12.4	
2	24.1	24.6	23.1	19.1	18.5	18.8	18.8	68	57	76	67	12.8	
3	24.5	26.1	23.8	19.7	20.1	19.8	19.9	68	57	78	68	12.7	
4	25.0	26.3	24.5	20.0	20.8	20.9	20.6	65	59	80	68	12.8	
5	25.2	25.2	24.4	20.3	20.3	20.7	20.4	66	66	80	71	12.7	
6	24.6	25.4	24.1	19.1	19.5	20.2	19.6	86	58	77	74	12.5	
7	24.4	25.8	24.1	19.6	20.1	20.5	20.1	70	59	81	70	12.6	
8	24.4	24.8	23.3	19.3	18.8	18.7	18.9	68	58	72	66	12.5	
9	23.6	24.7	23.2	17.8	18.2	18.5	18.2	60	54	72	62	12.8	
10	24.4	24.7	23.4	19.1	18.3	18.9	18.8	65	55	72	64	12.4	
11	24.2	26.1	24.2	18.5	20.6	20.1	19.7	61	60	77	66	10.4	
12	24.2	24.8	23.8	18.5	18.8	19.4	18.9	61	57	74	64	13.0	
13	24.7	26.0	25.1	19.8	20.5	21.6	20.6	67	59	79	68	11.0	
14	25.1	26.2	24.8	20.3	20.7	21.1	20.7	67	60	78	68	12.5	
15	25.3	26.4	24.9	18.6	21.6	21.5	20.6	62	64	81	69	8.5	
16	26.0	27.3	27.1	22.4	22.7	25.2	23.4	76	65	87	76	13.0	
17	27.6	28.0	25.9	24.3	22.7	22.5	23.2	76	59	78	71	12.5	
18	25.9	26.6	25.2	20.1	20.8	21.7	20.9	66	57	79	67	12.5	
19	25.6	27.2	24.4	20.7	21.9	20.1	20.9	66	59	74	66	12.7	
20	23.8	25.1	23.4	17.9	18.0	18.9	18.3	59	51	72	61	12.8	
21	24.4	25.4	23.8	21.1	19.0	19.5	19.9	83	55	75	71	12.6	
22	24.9	25.5	24.3	19.8	20.2	20.7	20.2	65	61	79	68	9.0	
23	25.2	26.2	24.8	20.1	20.0	21.1	20.4	65	56	78	66	12.0	
24	24.8	25.9	24.5	20.1	20.3	20.9	20.4	69	58	81	69	11.8	
25	25.5	25.7	24.3	20.8	19.6	20.6	20.3	67	57	79	68	10.0	
26	24.6	25.1	23.1	19.2	18.7	18.1	18.7	64	55	69	63	10.7	
27	25.7	24.6	22.7	21.3	17.7	17.7	18.9	70	52	69	64	12.2	
28	23.8	24.7	23.1	18.2	17.9	18.8	18.3	63	52	75	63	12.0	
29	24.4	26.1	26.2	19.5	21.1	23.6	21.4	69	65	84	73	11.6	
30	26.0	27.7	26.6	20.3	24.0	24.2	22.8	58	69	85	71	8.6	
31	26.1	26.8	25.6	23.2	22.4	22.0	22.5	75	69	78	74	5.0	
	24.91	25.82	24.67	19.91	20.10	20.48	20.16	67.4	58.7	77.3	67.8	11.63	

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m

Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Time of readings minus 2 hours equals G. C. T.

50-year averages are for period, 1875-1924

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METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Km.		
1	0	3ci cu	0	1.0	1sw	1sw	0	165.7	light	haze a.m.
2	4ci cu	0	0	1.3	1sw	1w	0	200.6	"	
3	3ci cu	2cu	0	1.7	0	1w	1w	240.8	"	
4	2ci	0	0	0.7	0	3w	2sw	455.3	mod.	
5	3ci cu	3ci cu	0	2.0	2sw	2sw	2sw	656.6	"	haze a.m.
6	2ci cu	4ci cu	2ci cu	2.7	2sw	3w	1sw	517.9	"	haze d. day
7	0	0	0	0.0	2nw	2w	2sw	436.7	"	haze a.m.
8	4ci cu	2cu	0	2.0	1sw	2sw	0	354.3	light	haze a.m.
9	3ci cu	3ci cu	0	2.0	1sw	2w	1sw	317.0	mod.	
10	3ci cu	2ci	4str. cu	3.0	2w	1w	0	378.9	light	haze a.m.
11	1cu	3ci cu	9cu	4.3	0	1sw	0	189.6	calm	haze a.m.
12	1cu	0	0	0.3	0	1n	0	43.9	"	
13	4ci cu	1ci cu	0	1.7	1w	1nw	0	33.3	light	
14	4ci cu	2ci cu	2ci	2.7	0	1n	0	114.8	calm	
15	3ci cu	10ci cu	2alt cu	5.0	1w	1nw	0	104.1	light	haze a.m.
16	3ci cu	2ci	0	1.7	0	0	1n	45.6	calm	haze a.m.
17	8ci cu	0	0	2.7	1w	1nw	0	258.0	light	haze a.m.
18	2ci	0	0	0.7	2nw	3nw	2sw	563.2	mod.	haze a.m.
19	0	0	0	0.0	2sw	2w	2sw	688.6	"	haze d. day
20	1cu	1ci	1ci	1.0	1w	2w	0	394.2	light	haze a.m.
21	3ci cu	2ci	2ci	2.3	0	1nw	0	82.1	calm	
22	4ci cu	10cu	0	4.7	1w	0	0	69.1	"	haze a.m.
23	3ci cu	4ci cu	2ci	3.0	0	1sw	0	213.4	"	
24	6cini	2ci	0	2.7	1sw	1sw	0	191.5	light	
25	1ci	4ci	0	1.7	0	1nw	0	26.2	calm	
26	4ci cu	4ci	8ci	5.3	2sw	1w	0	190.4	light	haze a.m.
27	4ci	2ci cu	0	2.0	2w	3w	1w	382.2	mod.	
28	2ci	0	0	0.7	1sw	2w	1sw	326.1	"	
29	1ci	0	0	0.3	1se	2sw	2n	76.6	"	
30	2ci cu	8alt cu	10cu	6.7	1nw	1n	1n	169.7	light	
31	9nici	10cu	10cu	9.7	1w	0	0	26.5	calm	
				2.44				255.32		

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	0	0	1	0	10	8	3	9
14:30	3	0	0	0	0	7	12	6	3
20:30	3	0	0	0	0	8	2	0	18
Totals	6	0	0	1	0	25	22	9	30

Number of days with rain 0, fog 0, thunderstorms 0, gales 0.
50-yr average number of days with rain during month 0.2